

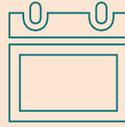
You Belong: Empowerment, Education, & Environment Program at Stanford (YBEEEPS)



250+ participants



82% are low income/URM



10 events so far



2/3 first time at a college



4 community partners



3/4 never met a "real" scientist

Outreach events with the goals of:

Introducing careers in earth sciences and academia to k-12 students

Exposing students to college, therefore increasing their comfort level, and confidence

Demonstrating to broad groups what it means to be an earth scientist

Showing students that they belong at places like Stanford and Stanford Earth

Future of the program

Securing travel funds for schools & groups serving low-income populations to come to Stanford

Creating a network of earth scientists willing to do more in-class demos at Bay Area schools

Scheduling regular/quarterly outreach with different partners

Finding student volunteers to continue the program!

Why should Stanford Earth do this work?

At Stanford, we are surrounded by economic & educational inequality.

Median incomes of 24k-38k bordering incomes > 82k (upper map)

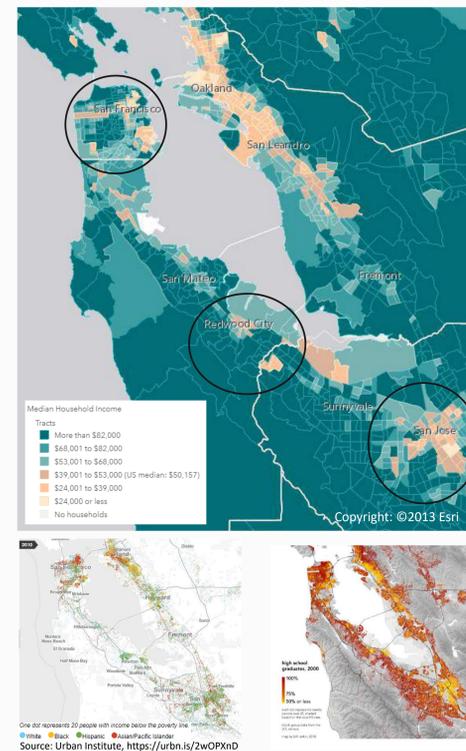
Areas with <50% HS graduation rates (lower-right map)

These inequalities affect URMs at much higher percentages (lower-left map)

5% SU faculty are Hispanic vs. 23.5% of adults in Bay Area (Diversity Facts@Stanford.edu; Bayareacensus.ca.gov)

We can use the opportunities and resources afforded to us as members of Stanford Earth to support our neighbors

YBEEEPS brings us one small step towards closing the gap



Current Community Partners

The Mayor's Youth Employment & Education Program (MYEEP)

Young Community Developers (YCDJobs)

Rocketship Public Schools

Canopy



Past and Recurring Events

MYEEP in SF Annual Career Day

Winter 2017, 2019, & beyond

Annual career day organized by MYEEP where youth are matched to a host-site based on their interest in a specific field and get to spend 2 hours at a workplace receiving a tour, meeting the staff, participating in a hands-on activity and asking questions.



YCD Jobs Career Day

June 26th, 2018

Hosted a career day for youth from San Francisco currently in summer school. The goal of the event was to introduce careers in academia and earth sciences.



Elementary School Family Tour

October 13th, 2018

Stanford tour for elementary school students and their families to introduce what it is like to be a college student. Tour was both in Spanish and English given to over 150 attendees.



Stanford Rocketeers

L	I	L	A	N	I	D	R	A	C	B	F	M	T	H	SCIENCE
A	C	J	F	G	S	T	A	N	F	O	R	D	T	Q	CAREER
W	S	E	I	T	I	N	A	M	U	H	E	R	E	S	BUSINESS
X	P	E	J	E	C	N	E	I	C	S	A	H	J	F	LAW
V	P	P	M	K	K	G	K	U	J	E	L	N	V	H	COLLEGE
E	N	G	I	N	E	E	R	I	N	G	F	Q	S	B	CARDINAL
T	I	L	W	H	Y	D	J	Q	J	V	P	Y	M	E	EARTH
A	L	V	B	U	S	I	N	E	S	S	I	U	E	B	STUDENT
M	M	H	V	U	E	T	L	E	A	R	N	S	D	I	UNIVERSITY
O	U	Y	T	I	S	R	E	V	I	N	U	D	I	D	CLASSES
L	C	O	L	L	E	G	E	K	G	V	L	N	C	X	LEARN
H	X	S	T	U	D	E	N	T	C	Y	W	E	I	N	FRIENDS
Y	R	A	R	B	I	L	Y	W	C	O	H	I	N	Y	LIBRARY
U	S	E	S	A	L	C	X	C	T	R	E	K			ENGINEERING
O	Z	R	E	R	A	C	T	E	J	X	F	Z	D		MEDICINE
															HUMANITIES

Elementary School Scientist Visit

June 2nd, 2017

Bringing scientists to elementary Schools so students can see:

“what does a scientists looks like”

In this event, Nicolette Meyer in the Dekas Lab brought cups that students decorated to the bottom of the ocean, where they shrank due to the pressure, and gave the students an overview of ocean science.



Canopy Forest Ecology Experience

Semi-quarterly since 2016

Introducing the Canopy Teen Urban Foresters (TUFs) to careers within environmental sciences. Followed by a workshop on forest ecology sampling methods. The TUFs are Canopy interns from East Palo Alto.

